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(11) **EP 1 148 111 A3**

(12) **EUROPEAN PATENT APPLICATION**

(88) Date of publication A3:
30.07.2003 Bulletin 2003/31

(51) Int Cl.7: **C09K 11/80**, C09K 11/88,
C09K 11/84, H05B 33/14

(43) Date of publication A2:
24.10.2001 Bulletin 2001/43

(21) Application number: **01303489.7**

(22) Date of filing: **17.04.2001**

(84) Designated Contracting States:
**AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU
MC NL PT SE TR**
Designated Extension States:
AL LT LV MK RO SI

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(30) Priority: **17.04.2000 JP 2000115666**

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(54) **Fluorescent thin film, its fabrication process, and el panel**

(57) A fluorescent thin film is provided, comprising a matrix material containing as a main component a rare earth sulfide or a rare earth selenide and a rare earth element added thereto as a light emission center. The

rare earth element is different from a rare earth element used for said matrix material.

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EUROPEAN SEARCH REPORT

Application Number
EP 01 30 3489

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.7)
X	DATABASE WPI Section Ch, Week 198127 Derwent Publications Ltd., London, GB; Class E33, AN 1981-48869D XP002231000 & JP 56 057877 A (MATSUSHITA ELEC IND CO LTD), 20 May 1981 (1981-05-20) * abstract * ---	1-3,5,6	C09K11/80 C09K11/88 C09K11/84 H05B33/14
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A	DATABASE CA 'Online! CHEMICAL ABSTRACTS SERVICE, COLUMBUS, OHIO, US; ASLANOV, G. K. ET AL: "Neodymium luminescence in chalcogenides of europium-gallium: EuGaS4 and EuGa2Se4" retrieved from STN Database accession no. 103:61893 CA XP002230999 * abstract * & JOURNAL OF LUMINESCENCE (1985), 33(2), 135-40 , 1985, -----	1-5	TECHNICAL FIELDS SEARCHED (Int.Cl.7) C09K H05B
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 2 June 2003	Examiner Drouot-Onillon, M-C
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			

EPO FORM 1503 03/92 (P04C01)

**ANNEX TO THE EUROPEAN SEARCH REPORT
ON EUROPEAN PATENT APPLICATION NO.**

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This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report. The members are as contained in the European Patent Office EDP file on
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02-06-2003

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